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1951- expanded-May

STATE DOCUMENTS

MONTANA

EXPANDED LOADOMETER SURVEY

THIRD CYCLE

MAY 1951

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STATE OF MONTANA
STATE HIGHWAY COMMISSION
HIGHWAY PLANNING SURVEY

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WC-1

State ~~Montana~~ Butte Sta. No. ~~1~~
Year 1951 Direction ~~Combined~~
Season May

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Thurs. May 3		Mon. April 30		Tues. May 1		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	3	143	28	87	3	9	239
Other 2-axle, 4-tired	6	9	8	23			32
Other 2-axle, 6-tired	64	78	41	56	4	4	138
3-axle	5	7	8	10	2	2	19
Subtotal	78	237	85	176	9	15	428
Tr-Tk semi-trailers							
3-axle	9	9	8	11	6	6	26
4-axle	1	1	4	4	2	2	7
5-axle or more	18	19	19	19	11	11	49
Subtotal	28	29	31	34	19	19	82
Tk-Trailer combinations							
4-axle or less	3	3	2	2			5
5-axle	6	12	2	3	4	4	19
6-axle or more	5	5	4	4	6	6	15
Subtotal	14	20	8	9	10	10	39
All combinations	42	49	39	43	29	29	121
All trucks and combs.	120	286	124	219	38	44	549
Passenger cars	xxx	1066	xxx	741	xxx	257	2064
Busses	xxx	23	xxx	22	xxx	12	57
All vehicle types	xxx	1374	xxx	982	xxx	313	2669

WC-2

State Montana Sta. No. Butte 1
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	6							6	286
Other 2-axle, 4-tired	12							12	18
Other 2-axle, 6-tired	115	6	4				3	128	156
3-axle	13	1	1					15	21
Subtotal	146	7	5				3	161	481
Tr-Tk semi-trailers									
3-axle	26	1						27	27
4-axle	4							4	4
5-axle or more	78	10	2					90	95
Subtotal	108	11	2					121	126
Tk-Trailer combinations									
4-axle or less	11	1						12	12
5-axle	11	12	7					30	60
6-axle or more	27	3						30	24
Subtotal	49	16	7					72	96
All combinations	157	27	9					193	222
All trucks and combs.	303	34	14				3	354	703

WC-2

State Montana Sta. No. Butte 1
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	56							56	174
Other 2-axle, 4-tired	16							16	46
Other 2-axle, 6-tired	80	1	1					82	112
3-axle	24							24	30
Subtotal	176	1	1					178	362
Tr-Tk semi-trailers									
3-axle	23	1						24	33
4-axle	16							16	16
5-axle or more	86	8		1				95	95
Subtotal	125	9		1				135	144
Tk-Trailer combinations									
4-axle or less	8							8	8
5-axle	6	3	1					10	15
6-axle or more	23	1						24	24
Subtotal	37	4	1					42	47
All combinations	162	13	1	1				177	191
All trucks and combs.	338	14	2	1				355	553

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WC-2

State Montana Sta. No. Butte 1
Year 1951 Direction Combined
Season May 8-hr. period 10PM-6AM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	6							6	18
Other 2-axle, 4-tired									
Other 2-axle, 6-tired	8							8	8
3-axle	6							6	6
Subtotal	20							20	32
Tr-Tk semi-trailers									
3-axle	18							18	18
4-axle	6	1					1	8	8
5-axle or more	49	6						55	55
Subtotal	73	7					1	81	81
Tk-Trailer combinations									
4-axle or less									
5-axle	16	4						20	20
6-axle or more	33	3						36	36
Subtotal	49	7						56	56
All combinations	122	14					1	137	137
All trucks and combs.	142	14					1	157	169

WC-2

State Montana Sta. No. Butte 1
Year 1951 Direction Combined
Season May 8-hr. period 6AM-6AM
24 hours

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	68							68	478
Other 2-axle, 4-tired	28							28	64
Other 2-axle, 6-tired	203	7	5				3	218	276
3-axle	43	1	1					45	57
Subtotal	342	8	6				3	359	875
Tr-Tk semi-trailers									
3-axle	67	2						69	78
4-axle	26	1					1	28	28
5-axle or more	213	24	2	1				240	245
Subtotal	306	27	2	1			1	337	351
Tk-Trailer combinations									
4-axle or less	19	1						20	20
5-axle	33	19	8					60	95
6-axle or more	83	7						90	84
Subtotal	135	27	8					170	199
All combinations	441	54	10	1			1	507	550
All trucks and combs.	783	62	16	1			4	866	1425

WC-3

State Montana Sta. No. Butte 1
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0–24.9	25.0–29.9	30.0–39.9	40.0–49.9	50.0–59.9	60.0–69.9	70.0–79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	3									3	143
Other 2-axle, 4-tired	6									6	9
Other 2-axle, 6-tired	50	11			3					64	78
3-axle	2	1		1	1					5	7
Subtotal	61	12		1	4					78	237
Tr-Tk semi-trailers											
3-axle	5	1	2	1						9	9
4-axle			1							1	1
5-axle or more				1	5	5	6	1		10	19
Subtotal	5	1	3	2	5	5	6	1		28	29
Tk-Trailer combinations											
4-axle or less	1	1		1						3	3
5-axle					1		1	4		6	12
6-axle or more					1	1	2	1		5	5
Subtotal	1	1		1	2	1	3	5		14	20
All combinations	6	2	3	3	7	6	9	6		42	49
All trucks and combs.	67	14	3	4	11	6	9	6		120	286

WC-3

State Montana Sta. No. Butte 1
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	28									28	87
Other 2-axle, 4-tired	8									8	23
Other 2-axle, 6-tired	39	2								41	56
3-axle	4	1	2	1						8	10
Subtotal	79	3	2	1						85	176
Tr-Tk semi-trailers											
3-axle	1	3	3	1						8	11
4-axle	1		2	1						4	4
5-axle or more				8	3	5	3			19	19
Subtotal	2	3	5	10	3	5	3			31	34
Tk-Trailer combinations											
4-axle or less		1	1							2	2
5-axle				1				1		2	3
6-axle or more					1	1	2			4	4
Subtotal		1	1	1	1	1	2	1		8	9
All combinations	2	4	6	11	4	6	5	1		39	43
All trucks and combs.	81	7	8	12	4	6	5	1		124	219

VC-3

State Montana Sta. No. Butte 1
Year 1951 Direction Combined
Season May 8-hr. period 10PM-6AM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	3									3	9
Other 2-axle, 4-tired											
Other 2-axle, 6-tired	4									4	4
3-axle	1	1								2	2
Subtotal	8	1								9	15
Tr-Tk semi-trailers											
3-axle	1	2	1	2						6	6
4-axle				1		1				2	2
5-axle or more			1	1	3	2	4			11	11
Subtotal	1	2	2	4	3	3	4			19	19
Tk-Trailer combinations											
4-axle or less											
5-axle			1	2			1			4	4
6-axle or more				3	1		1	1		6	6
Subtotal			1	5	1		2	1		10	10
All combinations	1	2	3	9	4	3	6	1		29	29
All trucks and combs.	9	3	3	9	4	3	6	1		38	44

WC-3

State Montana Sta. No. Butte 1
Year 1951 Direction Combined
Season May 8-hr. period 6AM-6AM
24 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	34									34	239
Other 2-axle, 4-tired	14									14	32
Other 2-axle, 6-tired	93	13			3					109	138
3-axle	7	3	2	2	1					15	19
Subtotal	148	16	2	2	4					172	428
Tr-Tk semi-trailers											
3-axle	7	6	6	4						23	26
4-axle	1		3	2		1				7	7
5-axle or more			1	10	11	12	13	1		48	49
Subtotal	8	6	10	16	11	13	13	1		78	82
Tk-Trailer combinations											
4-axle or less	1	2	1	1						5	5
5-axle			1	3	1		2	5		12	19
6-axle or more				3	3	2	5	2		15	15
Subtotal	1	2	2	7	4	2	7	7		32	39
All combinations	9	8	12	23	15	15	20	8		110	121
All trucks and combs.	157	24	14	25	19	15	20	8		282	549

WC-1

Rockvale
State Montana Sta. No. 2
Year 1951 Direction Combined
Season May

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Mon. May 7		Fri. May 4		Mon. May 14		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	10	71	10	58		11	140
Other 2-axle, 4-tired	2	3	2	5		1	9
Other 2-axle, 6-tired	97	109	42	56		7	172
3-axle	4	4	1	1		1	6
Subtotal	113	187	55	120		20	327
Tr-Tk semi-trailers							
3-axle	10	10	13	13		6	29
4-axle	7	10	8	8		3	21
5-axle or more	7	7	2	2		1	10
Subtotal	24	27	23	23		10	60
Tk-Trailer combinations							
4-axle or less	2	2	5	5		3	10
5-axle	4	4	5	5			9
6-axle or more				10		7	17
Subtotal	6	6	10	20		10	36
All combinations	30	33	33	43		20	96
All trucks and combs.	143	220	88	163		40	423
Passenger cars	xxx	416	xxx	520	xxx	179	1115
Busses	xxx	4	xxx	7	xxx	1	12
All vehicle types	xxx	640	xxx	689	xxx	220	1549

WC-2

State Montana Sta. No. Rockvale 2
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	20							20	142
Other 2-axle, 4-tired	4							4	6
Other 2-axle, 6-tired	190	4						194	218
3-axle	10	2						12	12
Subtotal	224	6						230	378
Tr-Tk semi-trailers									
3-axle	23	1	4	2				30	30
4-axle	24	2	1	1				28	40
5-axle or more	35							35	35
Subtotal	82	3	5	3				93	105
Tk-Trailer combinations									
4-axle or less	4		3					7	7
5-axle	12	5	3					20	20
6-axle or more									
Subtotal	16	5	6					27	27
All combinations	98	8	11	3				120	132
All trucks and combs.	322	14	11	3				350	510

WC-2

State Montana Sta. No. Rockvale 2
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	20							20	116
Other 2-axle, 4-tired	4							4	10
Other 2-axle, 6-tired	84							84	112
3-axle	3							3	3
Subtotal	111							111	241
Tr-Tk semi-trailers									
3-axle	36	2	1					39	39
4-axle	30		2					32	32
5-axle or more	10							10	10
Subtotal	76	2	3					81	81
Tk-Trailer combinations									
4-axle or less	11		8	1				20	20
5-axle	18	3	4					25	25
6-axle or more									60
Subtotal	29	3	12	1				45	105
All combinations	105	5	15	1				126	186
All trucks and combs.	216	5	15	1				237	427

WC-2

State Montana Sta. No. Rockvale 2
Year 1951 Direction Combined
Season May 8-hr. period 6AM-10PM 16 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	40							40	258
Other 2-axle, 4-tired	8							8	16
Other 2-axle, 6-tired	274	4						278	330
3-axle	13	2						15	15
Subtotal	335	6						341	619
Tr-Tk semi-trailers									
3-axle	59	3	5	2				69	69
4-axle	54	2	3	1				60	72
5-axle or more	45							45	45
Subtotal	158	5	8	3				174	186
Tk-Trailer combinations									
4-axle or less	15		11	1				27	27
5-axle	30	8	7					45	45
6-axle or more									60
Subtotal	45	8	18	1				72	132
All combinations	203	13	26	4				246	318
All trucks and combs.	538	19	26	4				587	937

TC-3

State Montana Sta. No. Rockvale 2
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	10									10	71
Other 2-axle, 4-tired	2									2	3
Other 2-axle, 6-tired	95	2								97	109
3-axle	1		2	1						4	4
Subtotal	108	2	2	1						113	187
Tr-Tk semi-trailers											
3-axle	4	1	1	2	2					10	10
4-axle		1	1	2	2	1				7	10
5-axle or more			1	5			1			7	7
Subtotal	4	2	3	9	4	1	1			24	27
Tk-Trailer combinations											
4-axle or less	1					1				2	2
5-axle				2				2		4	4
6-axle or more											
Subtotal	1			2		1		2		6	6
All combinations	5	2	3	11	4	2	1	2		30	33
All trucks and combs.	113	4	5	12	4	2	1	2		143	220

C-3

State Montana Sta. No. Rockvale 2
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	10									10	58
Other 2-axle, 4-tired	2									2	5
Other 2-axle, 6-tired	42									42	56
3-axle			1							1	1
Subtotal	54		1							55	120
Tr-Tk semi-trailers											
3-axle	6	2	3	2						13	13
4-axle		3	1	3		1				8	8
5-axle or more				2						2	2
Subtotal	6	5	4	7		1				23	23
Tk-Trailer combinations											
4-axle or less		2				2	1			5	5
5-axle				3				2		5	5
6-axle or more											10
Subtotal		2		3		2	1	2		10	20
All combinations	6	7	4	10		3	1	2		33	43
All trucks and combs.	60	7	5	10		3	1	2		88	163

C-3

State Montana Sta. No. Rockvale 2
Year 1951 Direction Combined
Season May 8-hr. period 6AM-10PM 16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	20									20	129
Other 2-axle, 4-tired	4									4	8
Other 2-axle, 6-tired	137	2								139	165
3-axle	1		3	1						5	5
Subtotal	162	2	3	1						168	307
Tr-Tk semi-trailers											
3-axle	10	3	4	4	2					23	23
4-axle		4	2	5	2	2				15	18
5-axle or more			1	7			1			9	9
Subtotal	10	7	7	16	4	2	1			47	50
Tk-Trailer combinations											
4-axle or less	1	2				3	1			7	7
5-axle				5				4		9	9
6-axle or more											10
Subtotal	1	2		5		3	1	4		16	26
All combinations	11	9	7	21	4	5	2	4		63	76
All trucks and combs.	173	11	10	22	4	5	2	4		231	383

WC-1

State Montana Sta. No. Laurel 3
Year 1951 Direction Combined
Season May

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Wed. May 9		Tues. May 8		Sat. May 12		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	5	102	5	73		10	185
Other 2-axle, 4-tired	7	33	1	8			41
Other 2-axle, 6-tired	37	67	44	83		6	156
3-axle	4	7	2	2			9
Subtotal	53	209	52	166		16	391
Tr-Tk semi-trailers							
3-axle	10	11	8	8		6	25
4-axle	6	12	15	15		6	33
5-axle or more	11	11	10	10		17	38
Subtotal	27	34	33	33		29	96
Tk-Trailer combinations							
4-axle or less	2	3	3	5		5	13
5-axle	2	3	7	13		10	26
6-axle or more	4	4	7	7		5	16
Subtotal	8	10	17	25		20	55
All combinations	35	44	50	58		49	151
All trucks and combs.	88	253	102	224		65	542
Passenger cars	xxx	594	xxx	677	xxx	175	1446
Busses	xxx	6	xxx	10	xxx	4	20
All vehicle types	xxx	853	xxx	911	xxx	244	2008

WC-2

State Montana Sta. No. Laurel 3
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	10							10	204
Other 2-axle, 4-tired	14							14	66
Other 2-axle, 6-tired	69	4		1				74	134
3-axle	9	2	1					12	21
Subtotal	102	6	1	1				110	425
Tr-Tk semi-trailers									
3-axle	25	3	2					30	33
4-axle	18	3	2	1				24	48
5-axle or more	47	2	6					55	55
Subtotal	90	8	10	1				109	136
Tk-Trailer combinations									
4-axle or less	3		4	1				8	12
5-axle	6	2	2					10	15
6-axle or more	21	3						24	24
Subtotal	30	5	6	1				42	51
All combinations	120	13	16	2				151	187
All trucks and combs.	222	19	17	3				261	612

WC-2

State Montana Sta. No. Laurel 3
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	10							10	146
Other 2-axle, 4-tired	2							2	16
Other 2-axle, 6-tired	83	3	2					88	166
3-axle	6							6	6
Subtotal	101	3	2					106	334
Tr-Tk semi-trailers									
3-axle	20	2	2					24	24
4-axle	50	4	5	1				60	60
5-axle or more	36	11	3					50	50
Subtotal	106	17	10	1				134	134
Tk-Trailer combinations									
4-axle or less	5	3	4					12	20
5-axle	24	3	8					35	65
6-axle or more	39	3						42	42
Subtotal	68	9	12					89	127
All combinations	174	26	22	1				223	261
All trucks and combs.	275	29	24	1				329	595

WC-2

State Montana Sta. No. Laurel 3
Year 1951 Direction Combined
Season May 8-hr. period 6AM-10PM 16 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	20							20	350
Other 2-axle, 4-tired	16							16	82
Other 2-axle, 6-tired	152	7	2	1				162	300
3-axle	15	2	1					18	27
Subtotal	203	9	3	1				216	759
Tr-Tk semi-trailers									
3-axle	45	5	4					54	57
4-axle	68	7	7	2				84	108
5-axle or more	83	13	9					105	105
Subtotal	196	25	20	2				243	270
Tk-Trailer combinations									
4-axle or less	8	3	8	1				20	32
5-axle	30	5	10					45	80
6-axle or more	60	6						66	66
Subtotal	98	14	18	1				131	178
All combinations	294	39	38	3				374	448
All trucks and combs.	497	48	41	4				590	1207

C-3

State Montana Sta. No. Laurel 3
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
ingle-unit trucks											
Panels and pick-ups	5									5	102
Other 2-axle, 4-tired	7									7	33
Other 2-axle, 6-tired	32	4	1							37	67
3-axle	1	1		2						4	7
Subtotal	45	5	1	2						53	209
r-Tk semi-trailers											
3-axle	5	1	1	2	1					10	11
4-axle	1		2		2	1				6	12
5-axle or more				4	2	1	2	2		11	11
Subtotal	6	1	3	6	5	2	2	2		27	34
k-Trailer combinations											
4-axle or less					1		1			2	3
5-axle				1				1		2	3
6-axle or more					1	1		2		4	4
Subtotal				1	2	1	1	3		8	10
All combinations	6	1	3	7	7	3	3	5		35	44
All trucks and combs.	51	6	4	9	7	3	3	5		88	253

C-3

State Montana Sta. No. Laurel 3
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	5									5	73
Other 2-axle, 4-tired	1									1	8
Other 2-axle, 6-tired	40	4								44	83
3-axle	1	1								2	2
Subtotal	47	5								52	166
Tr-Tk semi-trailers											
3-axle	2	2		4						8	8
4-axle	1	2	3	3	2	4				15	15
5-axle or more			1	1	1	1	5	1		10	10
Subtotal	3	4	4	8	3	5	5	1		33	33
Tk-Trailer combinations											
4-axle or less					1	1	1			3	5
5-axle				4				3		7	13
6-axle or more				2	2	2	1			7	7
Subtotal				6	3	3	2	3		17	25
All combinations	3	4	4	14	6	8	7	4		50	58
All trucks and combs.	50	9	4	14	6	8	7	4		102	224

C-3

State Montana Sta. No. Laurel 3
Year 1951 Direction Combined
Season May 8-hr. period 6AM-10PM 16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0-24.9	25.0-29.9	30.0-39.9	40.0-49.9	50.0-59.9	60.0-69.9	70.0-79.9	80.0 over		
ingle-unit trucks											
Panels and pick-ups	10									10	175
Other 2-axle, 4-tired	8									8	41
Other 2-axle, 6-tired	72	8	1							81	150
3-axle	2	2		2						6	9
Subtotal	92	10	1	2						105	375
r-Tk semi-trailers											
3-axle	7	3	1	6	1					18	19
4-axle	2	2	5	3	4	5				21	27
5-axle or more			1	5	3	2	7	3		21	21
Subtotal	9	5	7	14	8	7	7	3		60	67
k-Trailer combinations											
4-axle or less					2	1	2			5	8
5-axle				5				4		9	16
6-axle or more				2	3	3	1	2		11	11
Subtotal				7	5	4	3	6		25	35
ll combinations	9	5	7	21	13	11	10	9		85	102
ll trucks and combs.	101	15	8	23	13	11	10	9		190	477

WC-1

Miles City

State Montana Sta. No. 4
Year 1951 Direction Combined
Season May

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Fri. May 11		Thurs. May 10		Tues. May 15		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	6	47	10	62		10	119
Other 2-axle, 4-tired	2	4	2	10		1	15
Other 2-axle, 6-tired	39	60	30	42		7	109
3-axle			4	7			7
Subtotal	47	111	46	121		18	250
Tr-Tk semi-trailers							
3-axle	12	17	6	10		6	33
4-axle	11	11	11	12		7	30
5-axle or more	7	7	3	4		2	13
Subtotal	30	35	20	26		15	76
Tk-Trailer combinations							
4-axle or less	13	13	15	15		22	50
5-axle	14	14	9	9		15	38
6-axle or more	5	5	6	6		5	16
Subtotal	32	32	30	30		42	104
All combinations	62	67	50	56		57	180
All trucks and combs.	109	178	96	177		75	430
Passenger cars	xxx	505	xxx	1082	xxx	129	1716
Busses	xxx	4	xxx	2	xxx	3	9
All vehicle types	xxx	687	xxx	1261	xxx	207	2155

WC-2

State Montana Sta. No. Miles City 4
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	12							12	94
Other 2-axle, 4-tired	4							4	8
Other 2-axle, 6-tired	76		2					78	120
3-axle									
Subtotal	92		2					94	222
Tr-Tk semi-trailers									
3-axle	33	2	1					36	51
4-axle	39	3	1			1		44	44
5-axle or more	34	1						35	35
Subtotal	106	6	2			1		115	130
Tk-Trailer combinations									
4-axle or less	31		19	2				52	52
5-axle	42	14	13	1				70	70
6-axle or more	28	2						30	30
Subtotal	101	16	32	3				152	152
All combinations	207	22	34	3		1		267	282
All trucks and combs.	299	22	36	3		1		361	504

WC-2

Miles City

State Montana Sta. No. 4
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	20							20	124
Other 2-axle, 4-tired	4							4	20
Other 2-axle, 6-tired	59	1						60	84
3-axle	12							12	21
Subtotal	95	1						96	249
Tr-Tk semi-trailers									
3-axle	18							18	30
4-axle	34	8	1	1				44	48
5-axle or more	13	2						15	20
Subtotal	65	10	1	1				77	98
Tk-Trailer combinations									
4-axle or less	54		6					60	60
5-axle	41	2	2					45	45
6-axle or more	36							36	36
Subtotal	131	2	8					141	141
All combinations	196	12	9	1				218	239
All trucks and combs.	291	13	9	1				314	488

WC-2

Miles City

State Montana Sta. No. 4
Year 1951 Direction Combined
Season May 8-hr. period 6AM-10PM
16 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	32							32	218
Other 2-axle, 4-tired	8							8	28
Other 2-axle, 6-tired	135	1	2					138	204
3-axle	12							12	21
Subtotal	187	1	2					190	471
Tr-Tk semi-trailers									
3-axle	51	2	1					54	81
4-axle	73	11	2	1		1		88	92
5-axle or more	47	3						50	55
Subtotal	171	16	3	1		1		192	228
Tk-Trailer combinations									
4-axle or less	85		25	2				112	112
5-axle	83	16	15	1				115	115
6-axle or more	64	2						66	66
Subtotal	232	18	40	3				293	293
All combinations	403	34	43	4		1		485	521
All trucks and combs.	590	35	45	4		1		675	992

C-3

State Montana Sta. No. Miles City 4
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
ingle-unit trucks											
Panels and pick-ups	6									6	47
Other 2-axle, 4-tired	2									2	4
Other 2-axle, 6-tired	36	1	2							39	60
3-axle											
Subtotal	44	1	2							47	111
r-Tk semi-trailers											
3-axle	5	1	2	4						12	17
4-axle	3	4	2			1	1			11	11
5-axle or more			1	2	2		2			7	7
Subtotal	8	5	5	6	2	1	3			30	35
k-Trailer combinations											
4-axle or less		1	5				7			13	13
5-axle			3	4				7		14	14
6-axle or more				1	1		3			5	5
Subtotal		1	8	5	1		10	7		32	32
ll combinations	8	6	13	11	3	1	13	7		62	67
ll trucks and combs.	52	7	15	11	3	1	13	7		109	178

C-3

Miles City

State Montana Sta. No. 4
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	10									10	62
Other 2-axle, 4-tired	2									2	10
Other 2-axle, 6-tired	30									30	42
3-axle	3	1								4	7
Subtotal	45	1								46	121
Tr-Tk semi-trailers											
3-axle	1	2	2	1						6	10
4-axle		1	2	1	5	2				11	12
5-axle or more			1	1			1			3	4
Subtotal	1	3	5	3	5	2	1			20	26
Tk-Trailer combinations											
4-axle or less		7	6				2			15	15
5-axle			3	5				1		9	9
6-axle or more				3			3			6	6
Subtotal		7	9	8			5	1		30	30
All combinations	1	10	14	11	5	2	6	1		50	56
All trucks and combs.	46	11	14	11	5	2	6	1		96	177

Miles City

State Montana Sta. No. 4
Year 1951 Direction Combined
Season May 8-hr. period 6AM-10PM
16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted	
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over			
-unit trucks												
s and pick-ups		16									16	109
2-axle, 4-tired		4									4	14
2-axle, 6-tired		66	1	2							69	102
e		3	1								4	7
Subtotal		89	2	2							93	232
semi-trailers												
e		6	3	4	5						18	27
le		3	5	4	1	5	3	1			22	23
e or more				2	3	2		3			10	11
Subtotal		9	8	8	9	7	3	4			50	61
iler combinations												
le or less			8	11				9			28	28
le				6	9				8		23	23
le or more					4	1		6			11	11
Subtotal			8	17	13	1		15	8		62	62
mbinations		9	16	27	22	8	3	19	8		112	123
rucks and combs.		98	18	29	22	8	3	19	8		205	355

WC-1

Culbertson

State Montana Sta. No. 5
Year 1951 Direction Combined
Season May

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2 Tues. May 15		2 - 10 Mon. May 14		10 - 6 Wed. May 16		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	9	43	7	41		1	85
Other 2-axle, 4-tired	1	1	1	1			2
Other 2-axle, 6-tired	40	40	26	40		4	84
3-axle							
Subtotal	50	84	34	82		5	171
Tr-Tk semi-trailers							
3-axle	4	4	3	4			8
4-axle	6	6	2	2		1	9
5-axle or more	1	1	5	5		1	7
Subtotal	11	11	10	11		2	24
Tk-Trailer combinations							
4-axle or less	1	3	2	2			5
5-axle			3	3			3
6-axle or more							
Subtotal	1	3	5	5			8
All combinations	12	14	15	16		2	32
All trucks and combs.	62	98	49	98		7	203
Passenger cars	xxx	229	xxx	266	xxx	34	529
Busses	xxx	2	xxx	1	xxx	2	5
All vehicle types	xxx	329	xxx	365	xxx	43	737

WC-2

State Montana Sta. No. Culbertson 5
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	18							18	86
Other 2-axle, 4-tired	2							2	2
Other 2-axle, 6-tired	75	1	2	2				80	80
3-axle									
Subtotal	95	1	2	2				100	168
Tr-Tk semi-trailers									
3-axle	11	1						12	12
4-axle	20	2	2					24	24
5-axle or more	5							5	5
Subtotal	36	3	2					41	41
Tk-Trailer combinations									
4-axle or less	1		3					4	12
5-axle									
6-axle or more									
Subtotal	1		3					4	12
All combinations	37	3	5					45	53
All trucks and combs.	132	4	7	2				145	221

WC-2

Culbertson

State Montana Sta. No. 5
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	14							14	82
Other 2-axle, 4-tired	2							2	2
Other 2-axle, 6-tired	49	3						52	80
3-axle									
Subtotal	65	3						68	164
Tr-Tk semi-trailers									
3-axle	7	2						9	12
4-axle	8							8	8
5-axle or more	21	2	2					25	25
Subtotal	36	4	2					42	45
Tk-Trailer combinations									
4-axle or less	8							8	8
5-axle	11	2	2					15	15
6-axle or more									
Subtotal	19	2	2					23	23
All combinations	55	6	4					65	68
All trucks and combs.	120	9	4					133	232

WC-2

State Montana Sta. No. 5 Culbertson
Year 1951 Direction Combined
Season May 8-hr. period 6AM-10PM
16 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	32							32	168
Other 2-axle, 4-tired	4							4	4
Other 2-axle, 6-tired	124	4	2	2				132	160
3-axle									
Subtotal	160	4	2	2				168	332
Tr-Tk semi-trailers									
3-axle	18	3						21	24
4-axle	28	2	2					32	32
5-axle or more	26	2	2					30	30
Subtotal	72	7	4					83	86
Tk-Trailer combinations									
4-axle or less	9		3					12	20
5-axle	11	2	2					15	15
6-axle or more									
Subtotal	20	2	5					27	35
All combinations	92	9	9					110	121
All trucks and combs.	252	13	11	2				278	453

C-3

Culbertson

State Montana Sta. No. 5
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 over		
ingle-unit trucks											
Panels and pick-ups	9									9	43
Other 2-axle, 4-tired	1									1	1
Other 2-axle, 6-tired	35	4	1							40	40
3-axle											
Subtotal	45	4	1							50	84
r-Tk semi-trailers											
3-axle	2		1	1						4	4
4-axle		1		2	3					6	6
5-axle or more					1					1	1
Subtotal	2	1	1	3	4					11	11
k-Trailer combinations											
4-axle or less							1			1	3
5-axle											
6-axle or more											
Subtotal							1			1	3
11 combinations	2	1	1	3	4		1			12	14
11 trucks and combs.	47	5	2	3	4		1			62	98

C-3

Culbertson

State Montana Sta. No. 5
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
ingle-unit trucks											
Panels and pick-ups	7									7	41
Other 2-axle, 4-tired	1									1	1
Other 2-axle, 6-tired	26									26	40
3-axle											
Subtotal	34									34	82
r-Tk semi-trailers											
3-axle	1	1		1						3	4
4-axle		2								2	2
5-axle or more			1	2	1		1			5	5
Subtotal	1	3	1	3	1		1			10	11
k-Trailer combinations											
4-axle or less			2							2	2
5-axle				2				1		3	3
6-axle or more											
Subtotal			2	2				1		5	5
ll combinations	1	3	3	5	1		1	1		15	16
ll trucks and combs.	35	3	3	5	1		1	1		49	98

C-3

Culbertson

State Montana Sta. No. 5
Year 1951 Direction Combined
Season May 8-hr. period 6AM-10PM
16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	16									16	84
Other 2-axle, 4-tired	2									2	2
Other 2-axle, 6-tired	61	4	1							66	80
3-axle											
Subtotal	79	4	1							84	166
Tr-Tk semi-trailers											
3-axle	3	1	1	2						7	8
4-axle		3		2	3					8	8
5-axle or more			1	2	2		1			6	6
Subtotal	3	4	2	6	5		1			21	22
Tk-Trailer combinations											
4-axle or less			2				1			3	5
5-axle				2				1		3	3
6-axle or more											
Subtotal			2	2			1	1		6	8
All combinations	3	4	4	8	5		2	1		27	30
All trucks and combs.	82	8	5	8	5		2	1		111	196

WC-1

Glasgow

State Montana Sta. No. 6
Year 1951 Direction Combined
Season May

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Thurs. May 17		Wed. May 16		Thurs. May 17		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	26	74	12	70		16	160
Other 2-axle, 4-tired	6	12	2	4			16
Other 2-axle, 6-tired	60	125	36	58		3	186
3-axle	1	1	2	4			5
Subtotal	93	212	52	136		19	367
Tr-Tk semi-trailers							
3-axle	5	8	5	5		3	16
4-axle	4	4	4	8		1	13
5-axle or more	6	6	3	3			9
Subtotal	15	18	12	16		4	38
Tk-Trailer combinations							
4-axle or less			2	4			4
5-axle	3	3	1	1			4
6-axle or more							
Subtotal	3	3	3	5			8
All combinations	18	21	15	21		4	46
All trucks and combs.	111	233	67	157		23	413
Passenger cars	xxx	352	xxx	507	xxx	70	929
Busses	xxx	4	xxx	4	xxx	2	10
All vehicle types	xxx	589	xxx	668	xxx	95	1352

WC-2

State Montana Sta. No. Glasgow 6
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	52							52	148
Other 2-axle, 4-tired	12							12	24
Other 2-axle, 6-tired	112	4	4					120	250
3-axle	3							3	3
Subtotal	179	4	4					187	425
Tr-Tk semi-trailers									
3-axle	14	1						15	24
4-axle	11	2	2			1		16	16
5-axle or more	30							30	30
Subtotal	55	3	2			1		61	70
Tk-Trailer combinations									
4-axle or less									
5-axle	4	5	6					15	15
6-axle or more									
Subtotal	4	5	6					15	15
All combinations	59	8	8			1		76	85
All trucks and combs.	238	12	12			1		263	510

WC-2

State Montana Sta. No. Glasgow 6
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	24							24	140
Other 2-axle, 4-tired	4							4	8
Other 2-axle, 6-tired	67	5						72	116
3-axle	6							6	12
Subtotal	101	5						106	276
Tr-Tk semi-trailers									
3-axle	12	3						15	15
4-axle	13		2	1				16	32
5-axle or more	13	1	1					15	15
Subtotal	38	4	3	1				46	62
Tk-Trailer combinations									
4-axle or less	6							6	16
5-axle	5							5	5
6-axle or more									
Subtotal	11							11	21
All combinations	49	4	3	1				57	83
All trucks and combs.	150	9	3	1				163	359

WC-2

State Montana Sta. No. Glasgow 6
Year 1951 Direction Combined
Season May 8-hr. period 6AM-10PM 16 hours

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	76							76	288
Other 2-axle, 4-tired	16							16	32
Other 2-axle, 6-tired	179	9	4					192	366
3-axle	9							9	15
Subtotal	280	9	4					293	701
Tr-Tk semi-trailers									
3-axle	26	4						30	39
4-axle	24	2	4	1	1			32	48
5-axle or more	43	1	1					45	45
Subtotal	93	7	5	1	1			107	132
Tk-Trailer combinations									
4-axle or less	6							6	16
5-axle	9	5	6					20	20
6-axle or more									
Subtotal	15	5	6					26	36
All combinations	108	12	11	1	1			133	168
All trucks and combs.	388	21	15	1	1			426	869

-3

State Montana Sta. No. Glasgow 6
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
ngle-unit trucks											
anels and pick-ups	26									26	74
ther 2-axle, 4-tired	6									6	12
ther 2-axle, 6-tired	56	4								60	125
-axle	1									1	1
Subtotal	89	4								93	212
-Tk semi-trailers											
-axle	1	1		3						5	8
-axle			2		1		1			4	4
-axle or more			1	1	3	1				6	6
Subtotal	1	1	3	4	4	1	1			15	18
-Trailer combinations											
-axle or less											
-axle							1	2		3	3
-axle or more											
Subtotal							1	2		3	3
l combinations	1	1	3	4	4	1	2	2		18	21
l trucks and combs.	90	5	3	4	4	1	2	2		111	233

-3

State Montana Sta. No. Glasgow 6
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
ngle-unit trucks											
anels and pick-ups	12									12	70
ther 2-axle, 4-tired	2									2	4
ther 2-axle, 6-tired	36									36	58
-axle	1	1								2	4
Subtotal	51	1								52	136
-Tk semi-trailers											
-axle	2		1	2						5	5
-axle		1	1		1	1				4	8
-axle or more				2			1			3	3
Subtotal	2	1	2	4	1	1	1			12	16
-Trailer combinations											
-axle or less	2									2	4
-axle				1						1	1
-axle or more											
Subtotal	2			1						3	5
l combinations	4	1	2	5	1	1	1			15	21
l trucks and combs.	55	2	2	5	1	1	1			67	157

-3

State Montana Sta. No. Glasgow 6
Year 1951 Direction Combined
Season May 8-hr. period 6AM-10PM 16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
ngle-unit trucks											
anels and pick-ups	38									38	144
ther 2-axle, 4-tired	8									8	16
ther 2-axle, 6-tired	92	4								96	183
-axle	2	1								3	5
Subtotal	140	5								145	348
-Tk semi-trailers											
-axle	3	1	1	5						10	13
-axle		1	3		2	1	1			8	12
-axle or more			1	3	3	1	1			9	9
Subtotal	3	2	5	8	5	2	2			27	34
-Trailer combinations											
-axle or less	2									2	4
-axle				1			1	2		4	4
-axle or more											
Subtotal	2			1			1	2		6	8
l combinations	5	2	5	9	5	2	3	2		33	42
l trucks and combs.	145	7	5	9	5	2	3	2		178	390

WC-1

Great Falls

State Montana Sta. No. 7
Year 1951 Direction Combined
Season May

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Fri. May 18		Tues. May 22		Mon. May 21		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	33	110	20	101	2	9	220
Other 2-axle, 4-tired	4	4	2	2			6
Other 2-axle, 6-tired	128	178	93	115	7	7	300
3-axle	37	58	8	9			67
Subtotal	202	350	123	227	9	16	593
Tr-Tk semi-trailers							
3-axle	9	9	3	4	2	2	15
4-axle	4	5	5	5	2	2	12
5-axle or more	5	5	5	5	4	4	14
Subtotal	18	19	13	14	8	8	41
Tk-Trailer combinations							
4-axle or less	7	7	3	3	3	3	13
5-axle	11	13	5	5	11	11	29
6-axle or more	3	4	2	3	2	2	9
Subtotal	21	24	10	11	16	16	51
All combinations	39	43	23	25	24	24	92
All trucks and combs.	241	393	146	252	33	40	685
Passenger cars	xxx	587	xxx	940	xxx	154	1681
Busses	xxx	5	xxx	4	xxx		9
All vehicle types	xxx	985	xxx	1196	xxx	194	2375

WC-2

State Montana Sta. No. Great Falls 7
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	66							66	220
Other 2-axle, 4-tired	8							8	8
Other 2-axle, 6-tired	236	6	7	7				256	356
3-axle	83	27	1					111	174
Subtotal	393	33	8	7				441	758
Tr-Tk semi-trailers									
3-axle	23	4						27	27
4-axle	11	2	2	1				16	20
5-axle or more	25							25	25
Subtotal	59	6	2	1				68	72
Tk-Trailer combinations									
4-axle or less	19		5	4				28	28
5-axle	30	12	9	4				55	65
6-axle or more	18							18	24
Subtotal	67	12	14	8				101	117
All combinations	126	18	16	9				169	189
All trucks and combs.	519	51	24	16				610	947

WC-2

Great Falls

State Montana Sta. No. 7
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	40							40	202
Other 2-axle, 4-tired	4							4	4
Other 2-axle, 6-tired	178		5	3				186	230
3-axle	15	9						24	27
Subtotal	237	9	5	3				254	463
Tr-Tk semi-trailers									
3-axle	7			2				9	12
4-axle	18	1	1					20	20
5-axle or more	25							25	25
Subtotal	50	1	1	2				54	57
Tk-Trailer combinations									
4-axle or less	3	1	1	7				12	12
5-axle	21	2		2				25	25
6-axle or more	12							12	18
Subtotal	36	3	1	9				49	55
All combinations	86	4	2	11				103	112
All trucks and combs.	323	13	7	14				357	575

WC-2

State Montana Sta. No. Great Falls 7
Year 1951 Direction Combined
Season May 8-hr. period 10PM-6AM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	4							4	18
Other 2-axle, 4-tired									
Other 2-axle, 6-tired	13			1				14	14
3-axle									
Subtotal	17			1				18	32
Tr-Tk semi-trailers									
3-axle	4	1	1					6	6
4-axle	5	2	1					8	8
5-axle or more	20							20	20
Subtotal	29	3	2					34	34
Tk-Trailer combinations									
4-axle or less	6		3	3				12	12
5-axle	20	17	15	3				55	55
6-axle or more	12							12	12
Subtotal	38	17	18	6				79	79
All combinations	67	20	20	6				113	113
All trucks and combs.	84	20	20	7				131	145

WC-2

Great Falls

State Montana Sta. No. 7
Year 1951 Direction Combined
Season May 8-hr. period 24 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	110							110	440
Other 2-axle, 4-tired	12							12	12
Other 2-axle, 6-tired	427	6	12	11				456	600
3-axle	98	36	1					135	201
Subtotal	647	42	13	11				713	1253
Tr-Tk semi-trailers									
3-axle	34	5	1	2				42	45
4-axle	34	5	4	1				44	48
5-axle or more	70							70	70
Subtotal	138	10	5	3				156	163
Tk-Trailer combinations									
4-axle or less	28	1	9	14				52	52
5-axle	71	31	24	9				135	145
6-axle or more	42							42	54
Subtotal	141	32	33	23				229	251
All combinations	279	42	38	26				385	414
All trucks and combs.	926	84	51	37				1098	1667

-3

Great Falls

State Montana Sta. No. 7
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
ngle-unit trucks											
anels and pick-ups	33									33	110
ther 2-axle, 4-tired	4									4	4
ther 2-axle, 6-tired	109	10	9							128	178
-axle	18		1	18						37	58
Subtotal	164	10	10	18						202	350
-Tk semi-trailers											
-axle	1		4	4						9	9
-axle	1			1		2				4	5
-axle or more			1	1	1	2				5	5
Subtotal	2		5	6	1	4				18	19
-Trailer combinations											
-axle or less			4				3			7	7
-axle		1		3			1	6		11	13
-axle or more				1		1	1			3	4
Subtotal		1	4	4		1	5	6		21	24
l combinations	2	1	9	10	1	5	5	6		39	43
l trucks and combs.	166	11	19	28	1	5	5	6		241	393

-3

Great Falls
State Montana Sta. No. 7
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
ngle-unit trucks											
anels and pick-ups	20									20	101
ther 2-axle, 4-tired	2									2	2
ther 2-axle, 6-tired	85	5	3							93	115
-axle	2	1		5						8	9
Subtotal	109	6	3	5						123	227
-Tk semi-trailers											
-axle	1	1			1					3	4
-axle		2	1		1	1				5	5
-axle or more			1	4						5	5
Subtotal	1	3	2	4	2	1				13	14
-Trailer combinations											
-axle or less							3			3	3
-axle				4				1		5	5
-axle or more				2						2	3
Subtotal				6			3	1		10	11
l combinations	1	3	2	10	2	1	3	1		23	25
l trucks and combs.	110	9	5	15	2	1	3	1		146	252

C-3

State Montana Sta. No. Great Falls 7
Year 1951 Direction Combined
Season May 8-hr. period 10PM-6AM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
ingle-unit trucks											
Panels and pick-ups	2									2	9
Other 2-axle, 4-tired											
Other 2-axle, 6-tired	6	1								7	7
3-axle											
Subtotal	8	1								9	16
r-Tk semi-trailers											
3-axle	1				1					2	2
4-axle					1	1				2	2
5-axle or more				3		1				4	4
Subtotal	1			3	2	2				8	8
k-Trailer combinations											
4-axle or less		1					2			3	3
5-axle				1			2	8		11	11
6-axle or more						1	1			2	2
Subtotal		1		1		1	5	8		16	16
ll combinations	1	1		4	2	3	5	8		24	24
ll trucks and combs.	9	2		4	2	3	5	8		33	40

C-3

State Montana Sta. No. Great Falls 7
Year 1951 Direction Combined
Season May 8-hr. period 6AM-6AM 24 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
ingle-unit trucks											
Panels and pick-ups	55									55	220
Other 2-axle, 4-tired	6									6	6
Other 2-axle, 6-tired	200	16	12							228	300
3-axle	20	1	1	23						45	67
Subtotal	281	17	13	23						334	593
r-Tk semi-trailers											
3-axle	3	1	4	4	2					14	15
4-axle	1	2	1	1	2	4				11	12
5-axle or more			2	8	1	3				14	14
Subtotal	4	3	7	13	5	7				39	41
k-Trailer combinations											
4-axle or less		1	4				8			13	13
5-axle		1		8			3	15		27	29
6-axle or more				3		2	2			7	9
Subtotal		2	4	11		2	13	15		47	51
ll combinations	4	5	11	24	5	9	13	15		86	92
ll trucks and combs.	285	22	24	47	5	9	13	15		420	685

WC-1

State ~~Montana~~ Shelby Sta. No. ~~8~~
Year 1951 Direction ~~Combined~~
Season ~~May~~

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Thurs. May 24		Wed. May 23		Fri. May 18		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	4	77	6	39		11	127
Other 2-axle, 4-tired	1	1					1
Other 2-axle, 6-tired	18	32	26	42		2	76
3-axle			3	6			6
Subtotal	23	110	35	87		13	210
Tr-Tk semi-trailers							
3-axle	2	2	6	10		2	14
4-axle	1	2	8	8		4	14
5-axle or more	1	3	2	6		1	10
Subtotal	4	7	16	24		7	38
Tk-Trailer combinations							
4-axle or less	1	2	3	4		2	8
5-axle	4	4	6	7		17	28
6-axle or more	1	1	1	1		1	3
Subtotal	6	7	10	12		20	39
All combinations	10	14	26	36		27	77
All trucks and combs.	33	124	61	123		40	287
Passenger cars	xxx	488	xxx	506	xxx	83	1077
Busses	xxx	9	xxx	5	xxx		14
All vehicle types	xxx	621	xxx	634	xxx	123	1378

WC-2

State Montana Sta. No. Shelby 8
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	8							8	154
Other 2-axle, 4-tired	2							2	2
Other 2-axle, 6-tired	32	3	1					36	64
3-axle									
Subtotal	42	3	1					46	220
Tr-Tk semi-trailers									
3-axle	5	1						6	6
4-axle	4							4	8
5-axle or more	5							5	15
Subtotal	14	1						15	29
Tk-Trailer combinations									
4-axle or less	2	1	1					4	8
5-axle	11	4	5					20	20
6-axle or more	6							6	6
Subtotal	19	5	6					30	34
All combinations	33	6	6					45	63
All trucks and combs.	75	9	7					91	283

WC-2

State Montana Sta. No. Shelby 8
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	12							12	78
Other 2-axle, 4-tired									
Other 2-axle, 6-tired	50	1			1			52	84
3-axle	7		2					9	18
Subtotal	69	1	2		1			73	180
Tr-Tk semi-trailers									
3-axle	14	3	1					18	30
4-axle	27	2	1	2				32	32
5-axle or more	7	2	1					10	30
Subtotal	48	7	3	2				60	92
Tk-Trailer combinations									
4-axle or less	12							12	16
5-axle	26	4						30	35
6-axle or more	6							6	6
Subtotal	44	4						48	57
All combinations	92	11	3	2				108	149
All trucks and combs.	161	12	5	2	1			181	329

WC-2

State Montana Sta. No. Shelby 8
Year 1951 Direction Combined
Season May 8-hr. period 6AM-10PM 16 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	20							20	232
Other 2-axle, 4-tired	2							2	2
Other 2-axle, 6-tired	82	4	1		1			88	148
3-axle	7		2					9	18
Subtotal	111	4	3		1			119	400
Tr-Tk semi-trailers									
3-axle	19	4	1					24	36
4-axle	31	2	1	2				36	40
5-axle or more	12	2	1					15	45
Subtotal	62	8	3	2				75	121
Tk-Trailer combinations									
4-axle or less	14	1	1					16	24
5-axle	37	8	5					50	55
6-axle or more	12							12	12
Subtotal	63	9	6					78	91
All combinations	125	17	9	2				153	212
All trucks and combs.	236	21	12	2	1			272	612

C-3

State Montana Sta. No. 8 (Shelby)
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
ingle-unit trucks											
Panels and pick-ups	4									4	77
Other 2-axle, 4-tired	1									1	1
Other 2-axle, 6-tired	16	2								18	32
3-axle											
Subtotal	21	2								23	110
r-Tk semi-trailers											
3-axle		1		1						2	2
4-axle				1						1	2
5-axle or more						1				1	3
Subtotal		1		2		1				4	7
k-Trailer combinations											
4-axle or less					1					1	2
5-axle				1			2	1		4	4
6-axle or more				1						1	1
Subtotal				2	1		2	1		6	7
ll combinations		1		4	1	1	2	1		10	14
ll trucks and combs.	21	3		4	1	1	2	1		33	124

C-3

State Montana Sta. No. Shelby 8
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
ingle-unit trucks											
Panels and pick-ups	6									6	39
Other 2-axle, 4-tired											
Other 2-axle, 6-tired	24	1	1							26	42
3-axle	2				1					3	6
Subtotal	32	1	1		1					35	87
r-Tk semi-trailers											
3-axle	1		2	3						6	10
4-axle	1	1	2	1	1	2				8	8
5-axle or more				1			1			2	6
Subtotal	2	1	4	5	1	2	1			16	24
k-Trailer combinations											
4-axle or less		2	1							3	4
5-axle		1	3	1			1			6	7
6-axle or more				1						1	1
Subtotal		3	4	2			1			10	12
11 combinations	2	4	8	7	1	2	2			26	36
11 trucks and combs.	34	5	9	7	2	2	2			61	123

C-3

State Montana Sta. No. Shelby 8
Year 1951 Direction Combined
Season May 8-hr. period 6AM-10PM
16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	10									10	116
Other 2-axle, 4-tired	1									1	1
Other 2-axle, 6-tired	40	3	1							44	74
3-axle	2				1					3	6
Subtotal	53	3	1		1					58	197
Tr-Tk semi-trailers											
3-axle	1	1	2	4						8	12
4-axle	1	1	2	2	1	2				9	10
5-axle or more				1		1	1			3	9
Subtotal	2	2	4	7	1	3	1			20	31
Tk-Trailer combinations											
4-axle or less		2	1		1					4	6
5-axle		1	3	2			3	1		10	11
6-axle or more				2						2	2
Subtotal		3	4	4	1		3	1		16	19
All combinations	2	5	8	11	2	3	4	1		36	50
All trucks and combs.	55	8	9	11	3	3	4	1		94	247

WC-1

Kalispell

State Montana Sta. No. 9
Year 1951 Direction Combined
Season May

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Mon. May 28		Fri. May 25		Wed. May 23		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	8	140	66	100		17	257
Other 2-axle, 4-tired	6	15	5	5			20
Other 2-axle, 6-tired	69	76	58	60		5	141
3-axle	17	28	8	10		1	39
Subtotal	100	259	137	175		23	457
Tr-Tk semi-trailers							
3-axle			2	2		3	5
4-axle			1	1		1	2
5-axle or more	6	6	3	3		1	10
Subtotal	6	6	6	6		5	17
Tk-Trailer combinations							
4-axle or less	1	2					2
5-axle	2	2					2
6-axle or more	3	3				1	4
Subtotal	6	7				1	8
All combinations	12	13	6	6		6	25
All trucks and combs.	112	272	143	181		29	482
Passenger cars	xxx	968	xxx	822	xxx	199	1989
Busses	xxx	5	xxx	9	xxx		14
All vehicle types	xxx	1245	xxx	1012	xxx	228	2485

WC-2

State Montana Sta. No. Kalispell 9
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	16							16	280
Other 2-axle, 4-tired	12							12	30
Other 2-axle, 6-tired	132	4	1	1				138	152
3-axle	51							51	84
Subtotal	211	4	1	1				217	546
Tr-Tk semi-trailers									
3-axle									
4-axle									
5-axle or more	30							30	30
Subtotal	30							30	30
Tk-Trailer combinations									
4-axle or less	3							3	8
5-axle	6	2	2					10	10
6-axle or more	16			2				18	18
Subtotal	25	2	2	2				31	36
All combinations	55	2	2	2				61	66
All trucks and combs.	266	6	3	3				278	612

WC-2

State Montana Sta. No. Kalispell 9
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	132							132	200
Other 2-axle, 4-tired	10							10	10
Other 2-axle, 6-tired	112	3		1				116	120
3-axle	23		1					24	30
Subtotal	277	3	1	1				282	360
Tr-Tk semi-trailers									
3-axle	6							6	6
4-axle	4							4	4
5-axle or more	11	1		1	2			15	15
Subtotal	21	1		1	2			25	25
Tk-Trailer combinations									
4-axle or less									
5-axle									
6-axle or more									
Subtotal									
All combinations	21	1		1	2			25	25
All trucks and combs.	298	4	1	2	2			307	385

WC-2

State ~~Montana~~ Sta. No. ~~Kalispell 9~~
Year ~~1951~~ Direction ~~Combined~~
Season ~~May~~ 8-hr. period ~~6AM-10PM~~ 16 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	148							148	480
Other 2-axle, 4-tired	22							22	40
Other 2-axle, 6-tired	244	7	1	2				254	272
3-axle	74		1					75	114
Subtotal	488	7	2	2				499	906
Tr-Tk semi-trailers									
3-axle	6							6	6
4-axle	4							4	4
5-axle or more	41	1		1	2			45	45
Subtotal	51	1		1	2			55	55
Tk-Trailer combinations									
4-axle or less	3							3	8
5-axle	6	2	2					10	10
6-axle or more	16			2				18	18
Subtotal	25	2	2	2				31	36
All combinations	76	3	2	3	2			86	91
All trucks and combs.	564	10	4	5	2			585	997

C-3

State Montana Sta. No. Kalispell 9
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
ingle-unit trucks											
Panels and pick-ups	8									8	140
Other 2-axle, 4-tired	6									6	15
Other 2-axle, 6-tired	65	4								69	76
3-axle	9	6	2							17	28
Subtotal	88	10	2							100	259
r-Tk semi-trailers											
3-axle											
4-axle											
5-axle or more			3	1		2				6	6
Subtotal			3	1		2				6	6
k-Trailer combinations											
4-axle or less	1									1	2
5-axle				1				1		2	2
6-axle or more				1		1	1			3	3
Subtotal	1			2		1	1	1		6	7
ll combinations	1		3	3		3	1	1		12	13
ll trucks and combs.	89	10	5	3		3	1	1		112	272

C-3

Kalispell

State Montana Sta. No. 9
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
ingle-unit trucks											
Panels and pick-ups	66									66	100
Other 2-axle, 4-tired	5									5	5
Other 2-axle, 6-tired	56	2								58	60
3-axle	4			4						8	10
Subtotal	131	2		4						137	175
r-Tk semi-trailers											
3-axle	1	1								2	2
4-axle		1								1	1
5-axle or more				2					1	3	3
Subtotal	1	2		2					1	6	6
k-Trailer combinations											
4-axle or less											
5-axle											
6-axle or more											
Subtotal											
ll combinations	1	2		2					1	6	6
ll trucks and combs.	132	4		6					1	143	181

TC-3

Kalispell

State Montana Sta. No. 9
Year 1951 Direction Combined
Season May 8-hr. period 6AM-10PM
16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	74									74	240
Other 2-axle, 4-tired	11									11	20
Other 2-axle, 6-tired	121	6								127	136
3-axle	13	6	2	4						25	38
Subtotal	219	12	2	4						237	434
Tr-Tk semi-trailers											
3-axle	1	1								2	2
4-axle		1								1	1
5-axle or more			3	3		2			1	9	9
Subtotal	1	2	3	3		2			1	12	12
Tk-Trailer combinations											
4-axle or less	1									1	2
5-axle				1				1		2	2
6-axle or more				1		1	1			3	3
Subtotal	1			2		1	1	1		6	7
All combinations	2	2	3	5		3	1	1	1	18	19
All trucks and combs.	221	14	5	9		3	1	1	1	255	453

WC-1

State Montana Sta. No. 19 Missoula
Year 1951 Direction Combined
Season May

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period 6 - 2 Tues. May 29		2 - 10 Mon. June 4		10 - 6 Tues. May 22		Total traffic counted
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	2	50	3	52		19	121
Other 2-axle, 4-tired	1	1	2	6		1	8
Other 2-axle, 6-tired	42	76	19	31		9	116
3-axle	9	12	9	12		1	25
Subtotal	54	139	33	101		30	270
Tr-Tk semi-trailers							
3-axle	19	23	13	15		4	42
4-axle	11	12	8	11		2	25
5-axle or more	7	11	9	13		10	34
Subtotal	37	46	30	39		16	101
Tk-Trailer combinations							
4-axle or less			1	1			1
5-axle	5	5	1	1		2	8
6-axle or more	4	5	12	14		8	27
Subtotal	9	10	14	16		10	36
All combinations	46	56	44	55		26	137
All trucks and combs.	100	195	77	156		56	407
Passenger cars	xxx	477	xxx	801	xxx	159	1437
Busses	xxx	2	xxx	6	xxx	3	11
All vehicle types	xxx	674	xxx	962	xxx	218	1854

WC-2

State Montana Sta. No. Missoula 10
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	4							4	100
Other 2-axle, 4-tired	2							2	2
Other 2-axle, 6-tired	74	7	3					84	152
3-axle	23	3	1					27	36
Subtotal	103	10	4					117	290
Tr-Tk semi-trailers									
3-axle	50	5	2					57	69
4-axle	20	7	13	3		1		44	48
5-axle or more	29	4	2					35	55
Subtotal	99	16	17	3		1		136	172
Tk-Trailer combinations									
4-axle or less									
5-axle	11	6	7	1				25	25
6-axle or more	22	2						24	30
Subtotal	33	8	7	1				49	55
All combinations	132	24	24	4		1		185	227
All trucks and combs.	235	34	28	4		1		302	517

WC-2

State Montana Sta. No. Missoula 10
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	6							6	104
Other 2-axle, 4-tired	4							4	12
Other 2-axle, 6-tired	37	1						38	62
3-axle	23	2		2				27	36
Subtotal	70	3		2				75	214
Tr-Tk semi-trailers									
3-axle	33	3	3					39	45
4-axle	16		6	6	3	1		32	44
5-axle or more	37	7	1					45	65
Subtotal	86	10	10	6	3	1		116	154
Tk-Trailer combinations									
4-axle or less	3			1				4	4
5-axle	3		1	1				5	5
6-axle or more	70	2						72	84
Subtotal	76	2	1	2				81	93
All combinations	162	12	11	8	3	1		197	247
All trucks and combs.	232	15	11	10	3	1		272	461

WC-2

State Montana Sta. No. Missoula 10
Year 1951 Direction Combined
Season May 8-hr. period ~~6AM-10PM~~ 16 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	10							10	204
Other 2-axle, 4-tired	6							6	14
Other 2-axle, 6-tired	111	8	3					122	214
3-axle	46	5	1	2				54	72
Subtotal	173	13	4	2				192	504
Tr-Tk semi-trailers									
3-axle	83	8	5					96	114
4-axle	36	7	19	9	3	2		76	92
5-axle or more	66	11	3					80	120
Subtotal	185	26	27	9	3	2		252	326
Tk-Trailer combinations									
4-axle or less	3			1				4	4
5-axle	14	6	8	2				30	30
6-axle or more	92	4						96	114
Subtotal	109	10	8	3				130	148
All combinations	294	36	35	12	3	2		382	474
All trucks and combs.	467	49	39	14	3	2		574	978

C-3

State ~~Montana~~ Sta. No. ~~10~~ Missoula
Year ~~1951~~ Direction ~~Combined~~
Season ~~May~~ 8-hr. period ~~6AM-2PM~~

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 over		
ingle-unit trucks											
Panels and pick-ups	2									2	50
Other 2-axle, 4-tired	1									1	1
Other 2-axle, 6-tired	36	6								42	76
3-axle	2	3		4						9	12
Subtotal	41	9		4						54	139
r-Tk semi-trailers											
3-axle	4	7	2	5	1					19	23
4-axle		1		1	2	6	1			11	12
5-axle or more				1	1	2	3			7	11
Subtotal	4	8	2	7	4	8	4			37	46
k-Trailer combinations											
4-axle or less											
5-axle		1					1	3		5	5
6-axle or more							2	2		4	5
Subtotal		1					3	5		9	10
ll combinations	4	9	2	7	4	8	7	5		46	56
ll trucks and combs.	45	18	2	11	4	8	7	5		100	195

WC-3

State Montana Sta. No. Missoula 10
Year ~~1951~~ May Direction ~~Combined~~ ~~2PM-10PM~~
Season _____ 8-hr. period _____

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	3									3	52
Other 2-axle, 4-tired	2									2	6
Other 2-axle, 6-tired	18	1								19	31
3-axle	4	1		3	1					9	12
Subtotal	27	2		3	1					33	101
Tr-Tk semi-trailers											
3-axle	5	1	4	2	1					13	15
4-axle		1	1		1	1	3	1		8	11
5-axle or more			1	2		2	4			9	13
Subtotal	5	2	6	4	2	3	7	1		30	39
Tk-Trailer combinations											
4-axle or less					1					1	1
5-axle							1			1	1
6-axle or more				1	1	4	6			12	14
Subtotal				1	2	4	7			14	16
All combinations	5	2	6	5	4	7	14	1		44	55
All trucks and combs.	32	4	6	8	5	7	14	1		77	156

WC-3

State ~~Montana~~ Sta. No. Missoula
Year ~~1951~~ Direction 10
Season ~~May~~ 8-hr. period ~~Combined~~
~~6AM-10PM~~
~~16 hours~~

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	5									5	102
Other 2-axle, 4-tired	3									3	7
Other 2-axle, 6-tired	54	7								61	107
3-axle	6	4		7	1					18	24
Subtotal	68	11		7	1					87	240
Tr-Tk semi-trailers											
3-axle	9	8	6	7	2					32	38
4-axle		2	1	1	3	7	4	1		19	23
5-axle or more			1	3	1	4	7			16	24
Subtotal	9	10	8	11	6	11	11	1		67	85
Tk-Trailer combinations											
4-axle or less					1					1	1
5-axle		1					2	3		6	6
6-axle or more				1	1	4	8	2		16	19
Subtotal		1		1	2	4	10	5		23	26
All combinations	9	11	8	12	8	15	21	6		90	111
All trucks and combs.	77	22	8	19	9	15	21	6		177	351

WC-1

State ~~Montana~~ Sta. No. Drummond ~~11~~
Year ~~1951~~ Direction ~~Combined~~
Season ~~May~~

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Fri. June 1		Fri. June 1		Thurs. May 24		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	5	42	3	63		1	106
Other 2-axle, 4-tired	1	1					1
Other 2-axle, 6-tired	35	48	23	37		1	86
3-axle	3	4	2	3		1	8
Subtotal	44	95	28	103		3	201
Tr-Tk semi-trailers							
3-axle	13	13	6	6		4	23
4-axle	7	7	3	3		4	14
5-axle or more	14	14	3	3		11	28
Subtotal	34	34	12	12		19	65
Tk-Trailer combinations							
4-axle or less			2	2		2	4
5-axle	7	7	3	3		2	12
6-axle or more	7	7	9	9		7	23
Subtotal	14	14	14	14		11	39
All combinations	48	48	26	26		30	104
All trucks and combs.	92	143	54	129		33	305
Passenger cars	xxx	634	xxx	940	xxx	92	1666
Busses	xxx	5	xxx	8	xxx	5	18
All vehicle types	xxx	782	xxx	1077	xxx	130	1989

WC-2

State Montana Sta. No. Drummond 11
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	10							10	84
Other 2-axle, 4-tired	2							2	2
Other 2-axle, 6-tired	67	2		1				70	96
3-axle	9							9	12
Subtotal	88	2		1				91	194
Tr-Tk semi-trailers									
3-axle	31	2	4	2				39	39
4-axle	20	2	3	3				28	28
5-axle or more	54	13		3				70	70
Subtotal	105	17	7	8				137	137
Tk-Trailer combinations									
4-axle or less									
5-axle	23	4	5	3				35	35
6-axle or more	36	4	2					42	42
Subtotal	59	8	7	3				77	77
All combinations	164	25	14	11				214	214
All trucks and combs.	252	27	14	12				305	408

WC-2

State Montana Sta. No. Drummond 11
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	6							6	126
Other 2-axle, 4-tired									
Other 2-axle, 6-tired	43		3					46	74
3-axle	6							6	9
Subtotal	55		3					58	209
Tr-Tk semi-trailers									
3-axle	16	2						18	18
4-axle	11					1		12	12
5-axle or more	14	1						15	15
Subtotal	41	3				1		45	45
Tk-Trailer combinations									
4-axle or less	8							8	8
5-axle	8	3	3	1				15	15
6-axle or more	47	7						54	54
Subtotal	63	10	3	1				77	77
All combinations	104	13	3	1		1		122	122
All trucks and combs.	159	13	6	1		1		180	331

WC-2

State Montana Sta. No. Drummond 11
Year 1951 Direction Combined
Season May 8-hr. period 6AM 10PM 16 hrs.

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	16							16	210
Other 2-axle, 4-tired	2							2	2
Other 2-axle, 6-tired	110	2	3	1				116	170
3-axle	15							15	21
Subtotal	143	2	3	1				149	403
Tr-Tk semi-trailers									
3-axle	47	4	4	2				57	57
4-axle	31	2	3	3		1		40	40
5-axle or more	68	14		3				85	85
Subtotal	146	20	7	8		1		182	182
Tk-Trailer combinations									
4-axle or less	8							8	8
5-axle	31	7	8	4				50	50
6-axle or more	83	11	2					96	96
Subtotal	122	18	10	4				154	154
All combinations	268	38	17	12		1		336	336
All trucks and combs.	411	40	20	13		1		485	739

WC-3

State Montana Sta. No. Drummond 11
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	5									5	42
Other 2-axle, 4-tired	1									1	1
Other 2-axle, 6-tired	34		1							35	48
3-axle	2			1						3	4
Subtotal	42		1	1						44	95
Tr-Tk semi-trailers											
3-axle	3	1	4	4	1					13	13
4-axle		1			2	4				7	7
5-axle or more			1	2	3	2	5	1		14	14
Subtotal	3	2	5	6	6	6	5	1		34	34
Tk-Trailer combinations											
4-axle or less											
5-axle			2	2				3		7	7
6-axle or more					1	1	3	2		7	7
Subtotal			2	2	1	1	3	5		14	14
All combinations	3	2	7	8	7	7	8	6		48	48
All trucks and combs.	45	2	8	9	7	7	8	6		92	143

WC-3

State Montana Sta. No. Drummond 11
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	3									3	63
Other 2-axle, 4-tired											
Other 2-axle, 6-tired	20	3								23	37
3-axle	1		1							2	3
Subtotal	24	3	1							28	103
Tr-Tk semi-trailers											
3-axle	1	3	1	1						6	6
4-axle		2				1				3	3
5-axle or more			1	1			1			3	3
Subtotal	1	5	2	2		1	1			12	12
Tk-Trailer combinations											
4-axle or less			1	1						2	2
5-axle			1					2		3	3
6-axle or more				1		1	4	3		9	9
Subtotal			2	2		1	4	5		14	14
All combinations	1	5	4	4		2	5	5		26	26
All trucks and combs.	25	8	5	4		2	5	5		54	129

WC-3

State Montana Sta. No. Drummond 11
Year 1951 Direction Combined
Season May 8-hr. period 6AM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	8									8	105
Other 2-axle, 4-tired	1									1	1
Other 2-axle, 6-tired	54	3	1							58	85
3-axle	3		1	1						5	7
Subtotal	66	3	2	1						72	198
Tr-Tk semi-trailers											
3-axle	4	4	5	5	1					19	19
4-axle		3			2	5				10	10
5-axle or more			2	2	3	2	5	1		15	17
Subtotal	4	7	7	7	6	7	5	1		44	46
Tk-Trailer combinations											
4-axle or less			1	1						2	2
5-axle			3	2				5		10	10
6-axle or more				1	1	2	7	5		16	16
Subtotal			4	4	1	2	7	10		28	28
All combinations	4	7	11	11	7	9	12	11		72	74
All trucks and combs.	70	10	13	12	7	9	12	11		144	272

WC-2

State Montana Sta. No. All Stations
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	222							222	1798
Other 2-axle, 4-tired	74							74	168
Other 2-axle, 6-tired	1178	41	24	12			3	1258	1778
3-axle	201	35	4					240	363
Subtotal	1675	76	28	12			3	1794	4107
Tr-Tk semi-trailers									
3-axle	241	21	13	4				279	318
4-axle	171	23	26	9		3		232	280
5-axle or more	372	30	10	3				415	450
Subtotal	784	74	49	16		3		926	1048
Tk-Trailer combinations									
4-axle or less	74	2	35	7				118	139
5-axle	156	66	59	9				290	335
6-axle or more	174	14	2	2				192	198
Subtotal	404	82	96	18				600	672
All combinations	1188	156	145	34		3		1526	1720
All trucks and combs.	2863	232	173	46		3	3	3320	5827

WC-2

State Montana Sta. No. All Stations
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	340							340	1492
Other 2-axle, 4-tired	50							50	128
Other 2-axle, 6-tired	842	18	11	4	1			876	1240
3-axle	125	11	3	2				141	192
Subtotal	1357	29	14	6	1			1407	3052
Tr-Tk semi-trailers									
3-axle	192	18	7					219	264
4-axle	227	15	18	12	3	2		276	308
5-axle or more	273	35	8	3	2			320	365
Subtotal	692	68	33	15	5	2		815	937
Tk-Trailer combinations									
4-axle or less	118	3	19	9				150	172
5-axle	163	21	21	4				210	250
6-axle or more	233	15						246	324
Subtotal	514	39	40	13				606	746
All combinations	1206	107	73	28	5	2		1421	1683
All trucks and combs.	2563	136	87	34	6	2		2828	4735

WC-2

State Montana Sta. No. 1 & 7
Year 1951 Direction Combined
Season May 8-hr. period 10PM-6AM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	10							10	36
Other 2-axle, 4-tired									
Other 2-axle, 6-tired	21			1				22	22
3-axle	6							6	6
Subtotal	37			1				38	64
Tr-Tk semi-trailers									
3-axle	22	1	1					24	24
4-axle	11	2	1				1	16	16
5-axle or more	69	6						75	75
Subtotal	102	9	2				1	115	115
Tk-Trailer combinations									
4-axle or less	6	3	3	3				12	12
5-axle	36	19	15	3				75	75
6-axle or more	45	3						48	48
Subtotal	87	25	18	6				135	135
All combinations	189	34	20	6			1	250	250
All trucks and combs.	226	34	20	7			1	288	314

WC-3

State Montana Sta. No. All Stations
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	111									111	899
Other 2-axle, 4-tired	37									37	84
Other 2-axle, 6-tired	564	48	14		3					629	889
3-axle	36	11	5	27	1					80	121
Subtotal	748	59	19	27	4					857	1993
Tr-Tk semi-trailers											
3-axle	30	14	17	27	5					93	106
4-axle	5	8	8	7	12	15	3			58	70
5-axle or more			8	18	18	16	19	4		83	90
Subtotal	35	22	33	52	35	31	22	4		234	266
Tk-Trailer combinations											
4-axle or less	3	2	9	1	2	1	12			30	35
5-axle		2	5	14	1		6	30		58	67
6-axle or more				4	4	5	12	7		32	34
Subtotal	3	4	14	19	7	6	30	37		120	136
All combinations	38	26	47	71	42	37	52	41		354	402
All trucks and combs.	786	85	66	98	46	37	52	41		1211	2395

WC-3

State Montana Sta. No. All Stations
Year 1951 Direction Combined
Season May 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	170									170	746
Other 2-axle, 4-tired	25									25	64
Other 2-axle, 6-tired	416	18	4							438	620
3-axle	22	6	4	13	2					47	64
Subtotal	633	24	8	13	2					680	1494
Tr-Tk semi-trailers											
3-axle	22	16	16	17	2					73	88
4-axle	3	16	13	9	11	13	3	1		69	77
5-axle or more			6	26	5	8	17	1	1	64	73
Subtotal	25	32	35	52	18	21	20	2	1	206	238
Tk-Trailer combinations											
4-axle or less	2	12	11	1	2	3	7			38	43
5-axle		1	7	21			2	11		42	50
6-axle or more				10	4	8	16	3		41	54
Subtotal	2	13	18	32	6	11	25	14		121	147
All combinations	27	45	53	84	24	32	45	16	1	327	385
All trucks and combs.	660	69	61	97	26	32	45	16	1	1007	1879

WC-3

State Montana Sta. No. 1 & 7
Year 1951 Direction Combined
Season May 8-hr. period 10PM-6AM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	5									5	18
Other 2-axle, 4-tired											
Other 2-axle, 6-tired	10	1								11	11
3-axle	1	1								2	2
Subtotal	16	2								18	31
Tr-Tk semi-trailers											
3-axle	2	2	1	2	1					8	8
4-axle				1	1	2				4	4
5-axle or more			1	4	3	3	4			15	15
Subtotal	2	2	2	7	5	5	4			27	27
Tk-Trailer combinations											
4-axle or less		1					2			3	3
5-axle			1	3			3	8		15	15
6-axle or more				3	1	1	2	1		8	8
Subtotal		1	1	6	1	1	7	9		26	26
All combinations	2	3	3	13	6	6	11	9		53	53
All trucks and combs.	18	5	3	13	6	6	11	9		71	84

C-4

State Montana Sta. No. All Stations
Year 1951 Direction Combined
Season May 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
ingle-unit trucks							
Panels and pick-ups	899	51.35	462	5389	48.65	437	3963
Other 2-axle, 4-tired	84	56.76	48	6833	43.24	36	5175
Other 2-axle, 6-tired	889	61.37	546	14589	38.63	343	8448
3-axle	121	57.50	70	30689	42.50	51	12450
Subtotal	1993	56.50	1126	11484	43.50	867	6287
c-Tk semi-trailers							
3-axle	106	66.67	71	29871	33.33	35	16719
4-axle	70	67.24	47	47267	32.76	23	24868
5-axle or more	90	80.72	73	52697	19.28	17	31413
Subtotal	266	71.80	191	42876	28.20	75	22549
k-Trailer combinations							
4-axle or less	35	66.67	23	50105	33.33	12	26060
5-axle	67	63.79	43	71751	36.21	24	30186
6-axle or more	34	84.38	29	63959	15.62	5	36660
Subtotal	136	69.85	95	64132	30.15	41	29768
ll combinations	402	71.14	286	49937	28.86	116	25101
ll trucks and combs.	2395	58.96	1412	19273	41.04	983	8507

C-4

State ~~Montana~~ Sta. No. ~~All Stations~~
Year ~~1951~~ Direction ~~Combined~~
Season ~~May~~ 8-hr. period ~~2PM-10PM~~

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
ingle-unit trucks							
Panels and pick-ups	746	42.35	316	5283	57.65	430	3984
Other 2-axle, 4-tired	64	36.00	23	7522	64.00	41	5594
Other 2-axle, 6-tired	620	56.62	351	13806	43.38	269	8558
3-axle	64	63.83	41	27910	36.17	23	14018
Subtotal	1494	48.93	731	10715	51.07	763	5986
r-Tk semi-trailers							
3-axle	88	60.27	53	29702	39.73	35	17486
4-axle	77	64.28	50	43802	35.72	27	23588
5-axle or more	73	58.73	43	56395	41.27	30	31931
Subtotal	238	61.34	146	42392	38.66	92	23987
k-Trailer combinations							
4-axle or less	43	40.54	17	51547	59.46	26	24464
5-axle	50	30.23	15	72700	69.77	35	30173
6-axle or more	54	73.17	40	60457	26.83	14	36491
Subtotal	147	48.98	72	60904	51.02	75	29373
ll combinations	385	56.62	218	48506	43.38	167	26406
ll trucks and combs.	1879	50.51	949	19396	49.49	930	9653

C-4

State Montana Sta. No. 1 & 7
Year 1951 Direction Combined
Season May 8-hr. period 10PM-6AM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
ingle-unit trucks							
Panels and pick-ups	18				100.00	18	3940
Other 2-axle, 4-tired						—	—
Other 2-axle, 6-tired	11	54.55	6	13883	45.45	5	7720
3-axle	2	100.00	2	18500		—	—
Subtotal	31	22.58	8	15037	77.42	23	4762
r-Tk semi-trailers							
3-axle	8	75.00	6	29383	25.00	2	17350
4-axle	4	100.00	4	47500		—	—
5-axle or more	15	73.33	11	53818	26.67	4	30600
Subtotal	27	77.78	21	45633	22.22	6	26183
k-Trailer combinations							
4-axle or less	3	66.67	2	62200	33.33	1	23400
5-axle	15	73.33	11	71436	26.67	4	29625
6-axle or more	8	87.50	7	52614	12.50	1	32100
Subtotal	26	76.92	20	63925	23.08	6	29000
ll combinations	53	77.36	41	54556	22.64	12	27592
ll trucks and combs.	84	57.14	49	48104	42.86	35	12589

LEGEND

② = LOADOMETER STATIONS

▬ = CONTROL SECTIONS

MAP OF MONTANA

SHOWING

LOCATIONS OF LOADOMETER STATIONS

AND

CORRESPONDING CONTROL SECTIONS

PREPARED BY

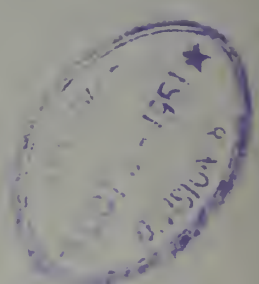
STATE HIGHWAY PLANNING SURVEY

IN COOPERATION WITH

U. S. DEPARTMENT OF COMMERCE

BUREAU OF PUBLIC ROADS

SEPT. 1, 1950



RECEIVED
SEP 28 1951
MONTANA DISTRICT

RECEIVED
OCT 5 1951
MONTANA DISTRICT